

WE CLAIM:

1. A reduced visibility insect screening having a transmittance of at least about 0.75 and a reflectance of about 0.04 or less.
2. The insect screening of claim 1 wherein the transmittance of the screening is at least about 0.80.
3. The insect screening of claim 2 wherein the reflectance of the screen is about 0.02 or less.
4. The insect screening of claim 1 wherein the reflectance of the screening is about 0.03 or less.
5. The insect screening of claim 1 wherein the reflectance of the screen is about 0.02 or less.
6. The insect screening of claim 1 having an open area of at least about 75%.
7. The insect screening of claim 1 having an open area of at least about 80%.
8. The insect screening of claim 1 comprising a plurality of screen elements, each screen element having a diameter less than about 0.005 inch (0.1 mm).
9. The insect screening of claim 8 wherein the screen elements have a tensile strength greater than about 5500 psi (40 mega Pascals).
10. The insect screening of claim 9 wherein the screen elements define mesh openings having a largest dimension not greater than about 0.060 inch (1.5 mm).
11. The insect screening of claim 1 comprising a plurality of screen elements, each screen element having a tensile strength greater than about 5500 psi (40 mega Pascals).

12. The insect screening of claim 1 wherein the screen elements define mesh openings having a largest dimension not greater than about 0.060 inch (1.5 mm).
13. The insect screening of claim 1 comprising a metal selected from the group consisting of steel, stainless steel, aluminum and aluminum alloy.
14. The insect screening of claim 1 comprising a polymer selected from the group consisting of polyethylene, polyester and nylon.
15. The insect screening of claim 1 comprising an ultra high molecular weight polyethylene.
16. The insect screening of claim 1 comprising an amide selected from the group consisting of polyamide, polyaramid and aramid.
17. The insect screening of claim 1 comprising a black matte coating.
18. The insect screening of claim 1 comprising a coating selected from the group consisting of physical vapor deposited chromium carbide and electroplated black zinc.
19. The insect screening of claim 1 comprising a plurality of screen elements, where each screen element includes:
 - stainless steel; and
 - a coating having a thickness of 0.10 to 0.30 mils (0.004 to 0.007 mm).
20. The insect screening of claim 1 comprising a plurality of screen elements, where each screen element includes:
 - stainless steel; and
 - a coating including electroplated black zinc.

21. A reduced visibility insect screen comprising;
a frame defining a frame opening; and
the screening of claim 1 attached to the frame around the frame opening.
22. An insect screening material having reduced visibility, comprising a plurality of screen elements having a diameter of about 0.005 inch (0.13 mm) or less, the screen elements having a tensile strength greater than about 5500 psi (40 mega Pascals), wherein the screening has a transmittance of at least about 0.75 and a reflectance of about 0.04 or less.
23. A reduced visibility insect screen comprising:
a frame defining a frame opening; and
the screening of claim 22 attached to the frame around the frame opening.
24. The screening of claim 22 wherein the screening defines mesh openings having a largest dimension not greater than about 0.060 inch (1.5 mm).
25. The screening of claim 22 wherein the transmittance of the screening is at least about 0.80.
26. The screening of claim 25 wherein the reflectance is 0.02 or less.
27. The screening of claim 22 wherein the reflectance of the screening is about 0.03 or less.
28. The screening of claim 22 wherein the reflectance is about 0.02 or less.
29. The screening of claim 22 wherein the screening has an open area of at least about 75%.

30. The screening of claim 22 wherein the screen elements comprise a metal selected from the group consisting of steel, stainless steel, aluminum and aluminum alloy.
31. The screening of claim 22 wherein the screen elements comprise a polymer selected from the group consisting of polyethylene, polyester and modified nylon.
32. The screening of claim 22 wherein the screen elements comprise an ultra high molecular weight polyethylene.
33. The screening of claim 22 wherein the screen elements comprise an amide selected from the group consisting of polyamide, polyaramid and aramid.
34. The screening of claim 22 wherein the screen elements comprise a black matte coating.
35. The screening of claim 22 wherein the screen elements comprise a coating selected from the group consisting of physical vapor deposited chromium carbide and electroplated black zinc.
36. The screening of claim 22 wherein each screen element comprises:
stainless steel; and
a coating having a thickness of about 0.10 to 0.20 mils (0.004 to 0.005 mm).
37. The screening of claim 22 wherein each screen elements comprises:
stainless steel; and
a coating including electroplated black zinc.
38. A screening, comprising:
a plurality of screen elements having a diameter of about 0.005 inch (0.1 mm) or less; and

a coating on the screen elements having a matte black finish;
wherein the screening has a transmittance of at least about 0.75 and a reflectance of about 0.04 or less.

39. The screening of claim 38 wherein the screen elements have a tensile strength greater than about 5500 psi (40 mega Pascals).

40. The screening of claim 38 wherein the coating has a thickness of about 0.10 to 0.30 mils (0.004 to 0.007 mm).

41. An insect screen having reduced visibility, comprising:
a frame defining a frame opening; and
the screening of claim 38 attached to the frame around the frame opening.

42. The screening of claim 38 wherein the screening defines mesh openings having a largest dimension not greater than about 0.060 inch (1.5 mm).

43. The screening of claim 38 wherein the transmittance of the screening is at least about 0.80.

44. The screening of claim 38 wherein the reflectance of the screening is about 0.02 or less.

45. The screening of claim 38 wherein the reflectance of the screening is about 0.03 or less.

46. The screening of claim 38 wherein the reflectance of the screening is about 0.02 or less.

47. The screening of claim 38 wherein the screening has an open area of at least about 75%.

48. The screening of claim 38 wherein the screen elements comprise a metal selected from the group consisting of steel, stainless steel, aluminum and aluminum alloy.
49. The screening of claim 38 wherein the screen elements comprise a polymer selected from the group consisting of polyethylene, polyester and modified nylon.
50. The screening of claim 38 wherein the screen elements comprise an ultra high molecular weight polyethylene.
51. The screening of claim 38 wherein the screen elements comprise an amide selected from the group consisting of polyamide, polyaramid and aramid.
52. The screening of claim 38 wherein the coating is selected from the group consisting of physical vapor deposited chromium carbide and electroplated black zinc.
53. The screening of claim 38 wherein each screen element includes stainless steel and the coating has a thickness of about 0.10 to 0.20 mils (0.004 to 0.005 mm).
54. The screening of claim 38 wherein each screen element includes stainless steel and the coating includes electroplated black zinc.